

Message Text

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DRAFTED BY OASD/ISA:JTIMBERLAKE:RM

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PM:LT. COOLEY

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TO AMEMBASSY OTTAWA

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CNO

OCEANAV ALEXANDRIA VA

NAVOCEANO SUITLAND MD

C O N F I D E N T I A L STATE 191873

E.O. 11652: GDS

TAGS: MILI, CA, US

SUBJECT: AIRBORNE MAGNETIC SURVEY OVER CANADIAN TERRITORY

1. A VECTOR MAGNETIC AIRBORNE SURVEY OF THE CONTINENTAL US WILL BE CONDUCTED BY THE US NAVAL OCEANOGRAPHIC OFFICE (NAVOCEANO) FROM SEPTEMBER TO DECEMBER 1976. THE SURVEY WILL BE CONSIDERED AS PART OF THE WORLD CHARTING PROGRAM FOR PROJECT MAGNET DURING FY 77. THE MAGNETIC DATA COLLECTED WILL BE USED IN MEETING US AND WORLD MAGNETIC CHARTING REQUIREMENTS. IN ADDITION, TOTAL MAGNETIC INTENSITY DATA CAN BE USED TO PRODUCE A NATIONAL MAGNETIC ANOMALY CHART (NMAC) WHICH IS PRESENTLY UNDER CONSIDERATION. THE NMAC WOULD EVENTUALLY COVER ALL OF THE NORTH AMERICAN CONTINENT.

2. EXTENSION OF SURVEY LINES INTO CANADA WOULD PROVIDE THE NECESSARY CONTINUATION OF DATA WHICH WOULD ALLOW US CHART

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CORRELATION WITH CANADIAN CHARTS AND WOULD ALSO PROVIDE

DATA FOR VECTOR COMPONENT FILTERING TECHNIQUES WHICH REQUIRE DATA BEYOND CHART BOUNDARIES. A CHART BEARING VECTORS OF PROPOSED OVERFLIGHTS OF CANADIAN AIRSPACE IS BEING POUCHED SEPARATELY.

3. THE SURVEY WILL BE CONDUCTED BY THE PROJECT MAGNET AIR-

CRAFT RP-3D ORION SPECIALLY INSTRUMENTED FOR THIS PURPOSE. FLIGHT ALTITUDE WILL BE APPROXIMATELY 2000 FEET ABOVE GROUND LEVEL WITH A MAXIMUM FLIGHT ENVELOPE OF 1000 TO 3000 FEET ABOVE GROUND LEVEL. FLIGHTS WITHIN CANADIAN AIRSPACE ARE SCHEDULED TO BEGIN IN EARLY SEPTEMBER 76 AND OCCUR INTERMITTENTLY THROUGH DECEMBER 76. (EXACT TIMES DEPENDENT ON WEATHER AND OTHER TECHNICAL FACTORS.)

4. COPIES OF REDUCED DATA COLLECTED OVER CANADA CAN BE PROVIDED TO GOC IF DESIRED. A LIMITED NUMBER (NO MORE THAN FOUR OR FIVE) CANADIAN TECHNICAL PERSONNEL ARE WELCOME TO TRAVEL AS OBSERVERS ON SURVEY FLIGHTS. IT IS NOTED THAT ALL FLIGHTS WILL BE ROUND-ROBIN AND CANADIAN TECHNICAL PERSONNEL WOULD HAVE TO ARRANGE FOR TRANSPORTATION TO AND FROM THE DEPARTURE/RETURN LOCATION. CANADIAN TECHNICAL OFFICIALS ARE INVITED TO CORRESPOND DIRECTLY WITH COMMANDER, NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D.C. 20373.

5. REQUEST GOC BE APPROACHED WITH THIS PROPOSAL AND THAT DIPLOMATIC CLEARANCE FOR THE TIMES INDICATED BE REQUESTED. KISSINGER

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